

ABSTRACT OF THE DISCLOSURE

A die coating for use on the surface of a metal mold or die component contacted by molten metal in low pressure or gravity die casting, and a method for its production. The die coating includes a porous layer of ceramic material produced by co-deposition, using a thermal spraying procedure, of a powder of said ceramic material and a powder of an organic polymer material. After the co-deposition, the co-deposited layer is heated to remove the polymer material, and provide the porous layer of ceramic material.